Swami Keshvanand Institute of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

SWYAM-NPTEL

Report

On

Swayam- NPTEL Facilities

ABOUT SWAYAM NPTEL LOCAL CHAPTER

ABOUT NPTEL:

Seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore initiated the National Programme on Technology Enhanced Learning (NPTEL) in 2003. Five core disciplines were identified, namely, civil engineering, computer science and engineering, electrical engineering, electronics and communication engineering and mechanical engineering and 235 courses in web/video format were developed in this phase.

The main goal of NPTEL Phase II (2009-14) was to build on the engineering and core science courses launched previously in NPTEL Phase I. An additional 600 web and video courses were created in all major branches of engineering, physical sciences at the undergraduate and postgraduate levels and management courses at the postgraduate level. Several improvements such as indexing of all video and web courses and keyword search were implemented.

SOME HIGHLIGHTS:
Largest online repository in the world of courses in engineering, basic sciences and selected humanities and social sciences subjects

Youtube channel for NPTEL – most subscribed educational channel, 1 billion views and 31+ lakh subscribers

More than 56000 hours of video content

Most accessed library of peer-reviewed educational content in the world

52000+ hours of transcribed content; 51000+ hours of subtitled videos

ABOUT SWAYAM:

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

This is done through a platform that facilitates hosting of all the courses, taught in classrooms from Class 9 till post-graduation to be accessed by anyone, anywhere at any time. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to any learner. More than 1,000 specially chosen faculty and teachers from across the country have participated in preparing these courses.

The courses hosted on SWAYAM are in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to

enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology.

In order to ensure that best quality content is produced and delivered, nine National Coordinators have been appointed. They are:

1. AICTE (All India Council for Technical Education) for self-paced and international Courses

2. NPTEL (National Programme on Technology Enhanced Learning) for Engineering

3. UGC (University Grants Commission) for non-technical post-graduation education

4. CEC (Consortium for Educational Communication) for under-graduate education

5. NCERT (National Council of Educational Research and Training) for school education

6. NIOS (National Institute of Open Schooling) for school education

7. IGNOU (Indira Gandhi National Open University) for out-of-school students

8. IIMB (Indian Institute of Management, Bangalore) for management studies

9. NITTTR (National Institute of Technical Teachers Training and Research) for Teacher Training programme

Courses delivered through SWAYAM are available free of cost to the learners, however learners wanting a SWAYAM certificate should register for the final proctored exams that come at a fee and attend in-person at designated centres on specified dates. Eligibility for the certificate will be announced on the course page and learners will get certificates only if this criteria is matched. Universities/colleges approving credit transfer for these courses can use the marks/certificate obtained in these courses for the same.

SWAYAM NPTEL LOCAL CHAPTER:

NPTEL has been offering self-study courses across engineering, humanities and science streams for more than a decade. These are available at: http://nptel.ac.in. From March 2014 NPTEL has been offering online certification for its courses, the highlight being the certification exam through which the student gets an opportunity to earn a certificate from the IITs! These are available at: https://swayam.gov.in/NPTEL

To take this initiative forward and to encourage more students across colleges to participate in this initiative, we are setting up SWAYAM-NPTEL chapter in colleges (with the approval of the management) which will be under the headship of a faculty member of the college, who would be our Single Point of Contact (SPOC). We will keep the SPOC updated about all the latest NPTEL initiatives and give him information which he can disseminate among the students. He can identify suitable mentors for various courses, who can ensure that students are active in a course, are submitting their assignments on time and also clarify the doubts they may have.

OBJECTIVE:

- To provide Students and Faculty a platform to listen to the Lectures delivered by IITs/IISCs, update themselves and get certified by participating in Online Courses and assessments.

- The fundamental goal of the project to bring in all the best teachers in the country under the umbrella of NPTEL and record their lectures/seek their collaboration with IITs/IISc and make their courses available for the community under free and open sources agreement.

- Faculty and students can enroll for various online courses for the span of 4 weeks, 8 weeks & 12 weeks and enhance their knowledge on the respective domain and can get themselves certified by the competing authority.

- Advanced NPTEL online certification courses are approved for the Faculty Development Programme (FDP) by AICTE. Faculty members of institutions can benefit from these FDPs.

- According to university guidelines, students will have to take additional 20 credits for B.Tech Honours degree through MOOCs Courses, Motivating students for this.

OUR JOURNEY:

Our institute has been continuously providing video lectures students of NPTEL Courses since year 2008. For this, Institute bought 200 Video Lectures for Rs. 1 Lakh in year 2008 when NPTEL Video Lectures were not open access. Students have been accessing these In 2014, the Indian Institute of Technology Madras introduced online certification courses in various streams and for this started local chapters at the institute level. Our institute sent a letter of request for opening a local chapter to the Indian Institute of Technology, Madras in 2015, on the basis of which we got the approval of the local chapter and Professor D.K. Sharma, Head Civil Department appointed as Single Point of Contact (SPOC) at Institute for NPTEL Local Chapter.

Request letter was sent to change the SPOC in 2019, based on which Mr. Dalla Ram Bhinchar was appointed as the new single point of contact (SPOC) for SWAYAM NPTEL Local Chapter at SKIT video lectures through the digital library website and their copying facility is also made available to the students. At present, 18000+ video lectures are available in the central library, which students can access and copy on to their personal devices.

In the year 2014, video lectures from Phase- 2 of NPTEL Courses were stored in 8 terabytes hard disk to provide the latest content to the students.

All India Council for Technical Education Chairman Prof. Anil Sahasrabuddhe and Director Dr. Manpreet visited the Skit Campus on 13-08-2017, Chairman, AICTE inaugurated the Digital Library Portal and SWAYAM -NDL dedicated LAB on the occasion.

Total No of Computers: 45 Computers

Students can access the Video Lectures that are available of NPTEL.

On this occasion, the Chairman of All India Council for Technical Education visited various sections of the library.

इस पोर्टल से विद्यार्थी अपनी वांछित शैक्षिक जानकारी आसानी से प्राप्त कर सकेंगे

कैंपस पुस्तकालय में स्वयं पोर्टल का विमोचन

महानगर संवाददाता

जयपुर। जगतपुरा में रामनगरिया स्थित स्वामी केशवानन्द इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एण्ड ग्रामोत्थान (एसकेआईटी) में 'प्रबोधन' का आयोजन किया गया। यूथ साइंटिस्ट ने अपने बनाए मॉडल्स को भी प्रदर्शित किया। जो निकट भविष्य में काफी लाभदायक होंगे।

कॉलेज के लोकेश मेहता और निशा पुनिया ने मिलकर ब्लाइंड लोगों के लिए ऐसे शूज ईजाद किए हैं जिसको पहनने पर उन्हें छड़ी या सहारे की कोई आवश्यकता नहीं रहेगी। ये जूते सेंसर पद्धति पर कार्य करेंगे। जिसमें व्यक्ति के सामने कोई भी अवरोध आने पर कानों में पहने

हेडफोन्स पर अलर्ट की सूचना मिल जाएगी। लोकेश और निशा ने बताया कि इन जूतों की अवधि को 15 सेंटीमीटर से अधिक भी बढ़ाया जा सकता है। आने वाले समय में यह जूते काफी मददगार साबित हो सकते हैं। वहीं अर्पित जायसवाल और अपेक्षा माहेश्वरी ने स्मार्ट सिटी के कांसेप्ट को ध्यान में रखते हुए आटोमेटिक लाइट कंट्रोल का मॉडल तैयार किया। जो एम्बुलेंस और एमर्जेन्सी वाहनों के लिए काफी मददगार साबित हो सकता है। इस सिस्टम के चलते आसानी से ग्रीन कॉरिडोर बनाया का सकता है। इसे आरएफ ट्रांससीवर के उपयोग से बनाया गया है। यह आपातकालीन वाहनों में लगाया जा सकता है।

Indian Institute of Technology Madras, Chennai 600036, India
Department of Chemistry

Dr. Mangala Sunder Krishnan Ph.D (McGill, Canada)
Professor

06/10/08

To

Dr. S.L. Surana,

Principal,

Swami Keshvanand Institute of Technology Management & Gramothan,

Ramnagaria, (Jagatpura), Jaipur – 302 025

Dear Dr. S.L. Surana,

Thank you for very much for your letter and the draft for Rs.1,00 lakh, towards licensing NPTEL contents (video) in your college. I have enclosed two 500 GB SATA hard disk which contains lectures of 73 courses. Kindly acknowledge receipt of them by email to the addresses mangal@iitm.ac.in and director@iitm.ac.in .

Your feedback on the utilization of the video contents will be useful to us in refining the course contents in the future. We shall contact you with details at a later time.

As part of NPTEL phase II many workshops for faculty members are planned in which they will interact with course developers extensively. We shall send you formal announcement and keep you posted.

Thank you once again for becoming a member in the NPTEL community of colleges. We look forward to your continued interaction.

Thanking you very much with best regards,

Yours Sincerely,

(K.MangalaSunder)

Email : mangal@iitm.ac.in / mangala_sunderk@yahoo.com
Website : http://chem.iitm.ac.in/professordetails/profmangalsunder/index.htm

Tel : (044) 2257 4220 (Off) 2257 6220 (Res)
Fax : (044) 2257 4202 / 2257 0509

NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE

NPTEL

IITMadras

Coordinators

Prof. K. Mangala Sunder
Dept. of Chemistry,
IIT Madras

Dr. Andrew Thangaraj
Dept. of Electrical Engg,
IIT Madras

Prof. Prathap Haridoss
Dept. of Metallurgy and
Materials Engg,
IIT Madras

From
NPTEL Office
3rd floor, Web Studio,
IC & SR Building,
IIT Madras,
Chennai – 600036

15 April 2014

To
Principal,
Swami Keshvanand Institute of Technology Management,
Ramnageria,
Jagatpura,
Ramnagariya,
Jaipur,
Rajasthan 303025

Dear Sir/Madam

Subject: Delivery of 3TB hard disk containing Phase 2 video courses!

Please find enclosed a 3TB hard disk containing 162 video courses completed under Phase 2 of NPTEL-MHRD project as on 31 Jan 2014. This is to supplement the Phase I NPTEL courses you have received from us previously (got on payment of Rs 1 lakh only, by cheque number 161397 dated 12/9/2008).

Kindly acknowledge receipt of the same through email and please send us by post a signed copy of the enclosed duplicate of this letter.

Thanks and warm regards

Bharathi Balaji
Project Officer, NPTEL
+91-44-2257 5905/08

Gmail
by Google

NPTEL File

pramod kaloya <kaloya.pramod@gmail.com>

Fwd: Reg: Collect the Hard-disks from NPTEL
1 message

Skit Digitallibrary <skitdigitallib@gmail.com>
To: pramod kaloya <kaloya.pramod@gmail.com>

Thu, Dec 10, 2015 at 8:05 AM

---------- Forwarded message ----------
From: **office skit** <officeskitjpr2@gmail.com>
Date: Fri, Oct 23, 2015 at 2:11 PM
Subject: Fwd: Reg: Collect the Hard-disks from NPTEL
To: Library SKIT <skitdigitallib@gmail.com>

---------- Forwarded message ----------
From: **Dianis Bertin** <dianis@nptel.iitm.ac.in>
Date: Tue, Oct 20, 2015 at 3:03 PM
Subject: Reg: Collect the Hard-disks from NPTEL
To: info@skit.ac.in
Cc: NPTEL <nptel@iitm.ac.in>

Dear Sir/Mam,

You are kindly requested to collect the hard-disks from us that was sent by your institute for copying the NPTEL contents.

You have to arrange pre-paid courier services to pick the HDD's. For that you may contact Mr.Vishvanathen (9381120091). He is in charge of DTDC Chennai office. You have to send a pick up request mail with your contact details to his mail id **guindy.che@fr.dtdc.com**

Thanks & Regards,
Dianis

NPTEL Office
Webstudio, 3rd Floor, IC & SR Building
IIT Madras, Chennai- 600036
Phone: 044-22575905/ 08; Email: nptel@iitm.ac.in

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